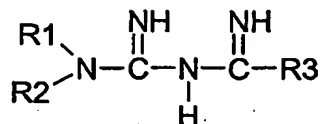


CLAIMS

1. A cosmetic use of a biguanide derivative of following general formula I:



(I)

in which:

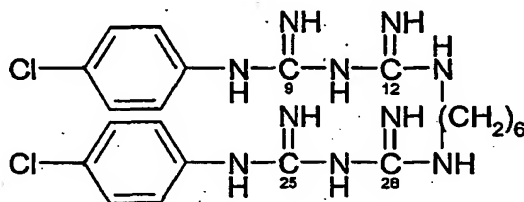
the R1 and R2 groups, independently of each other, represent a hydrogen atom, a C₁-C₇ alkyl group, a cycloalkyl group, a heterocycle, a C₂-C₇ alkenyl group, an aryl group, an aralkyl group, an aryloxyalkyl group or a heteroaryl group,

or R1 and R2 taken together represent a C₂-C₇ alkylene possibly containing one or more heteroatoms,

and the R3 group represents a primary, secondary or tertiary amine

or its cosmetically acceptable salt

with the exception of the compound of formula:



as an anti-aging and restructuring agent for the epidermis and the papillary dermis.

2. Use as in claim 1 to increase the production of type III collagen in the papillary dermis, to stimulate the proliferation of keratinocytes in the epidermis and/or to increase the thickness of the epidermis.

3. Use as in any of the preceding claims to prevent, decrease and/or suppress the appearance of wrinkles on the skin.

4. Use as in any of the preceding claims for its tensor or toning effect on the skin.

5. Use as in any of the preceding claims, characterized in that the R1 and R2 groups, independently of each other, represent a hydrogen atom or a C₁-C₇ alkyl group.

6. Use as in any of the preceding claims characterized in that the R3 group represents NH₂.

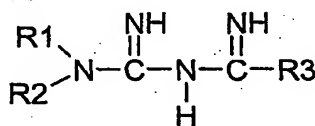
7. Use as in claim 6, characterized in that the derivative of biguanide is metformin, advantageously in the form of a hydrochloride.

8. Use as in any of the preceding claims taken separately, characterized in that the biguanide derivative is in a cosmetic composition form for local use.

9. Use as in claim 8 taken separately, characterized in that the composition contains 0.02 to 2 % by weight of the biguanide derivative or its cosmetically acceptable salt and a suitable excipient.

10. Use as in any of the preceding claims, characterized in that the derivative of biguanide or its cosmetically acceptable salt is combined with at least one other active ingredient.

11. Cosmetic treatment process of skin aging using a composition comprising a biguanide derivative of following general formula I:



(I)

in which:

the R1 and R2 groups, independently of each other, represent a hydrogen atom, a C₁-C₇ alkyl group, a cycloalkyl group, a heterocycle, a C₂-C₇ alkenyl group, an aryl group, an aralkyl group, an aryloxyalkyl group or a heteroaryl group,

or R1 and R2 taken together represent a C₂-C₇ alkylene possibly containing one or more heteroatoms,

and the R3 group represents a primary, secondary or tertiary amine or its cosmetically acceptable salt with the exception of the compound of formula:

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